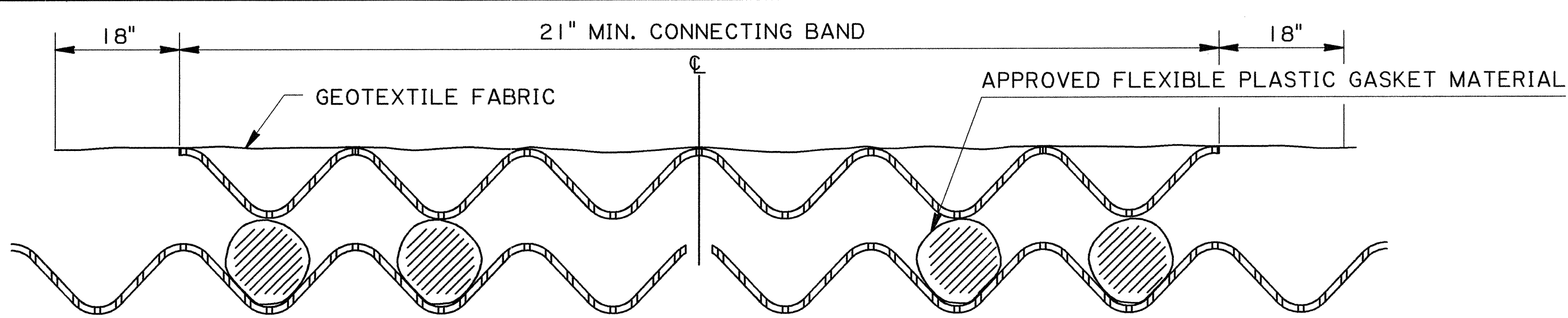


FOR PIPES LESS THAN OR EQUAL TO 36" ROUND OR EQUIVALENT ARCH

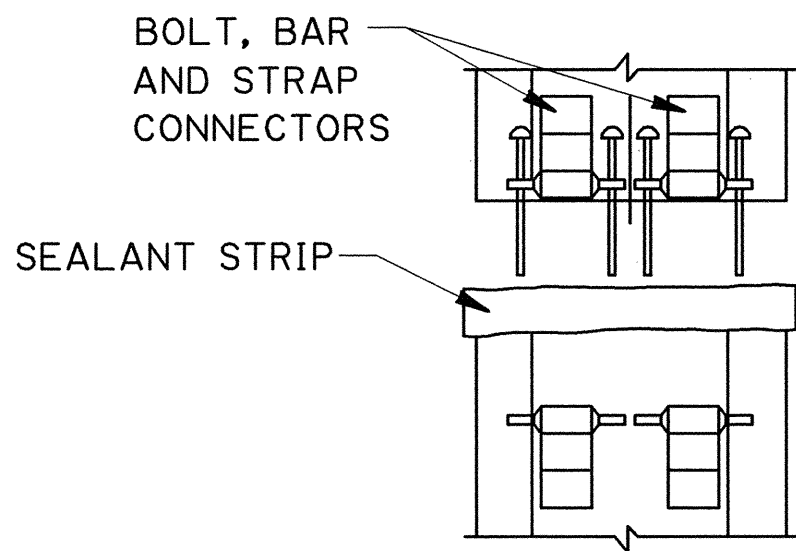


FOR PIPES GREATER THAN 36" ROUND OR EQUIVALENT ARCH  
AND FOR ALL SIZES OF 6 X 1 AND 5 X 1 CORRUGATIONS

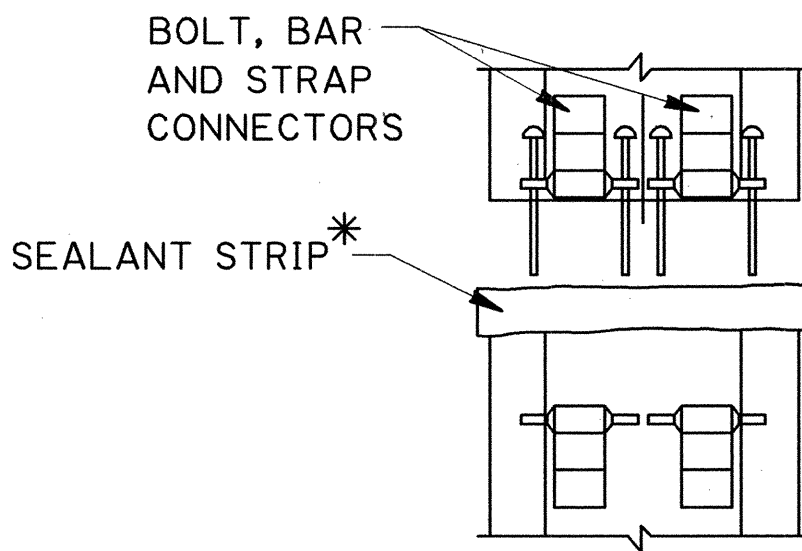
METHOD OF SEALING ANNULAR JOINT AT CONNECTING BAND WHERE TWO PIPE SECTIONS ARE JOINED

FLEXIBLE PLASTIC GASKET SYSTEM

T2 & T3 JOINTS AS SHOWN (WITH RODS & LUGS).  
T1 JOINT SIMILAR, EXCEPT REQUIRES ONLY ONE STRIP  
OF PLASTIC GASKET MATERIAL IN SECOND CORRUGATION  
EACH SIDE OF JOINT.

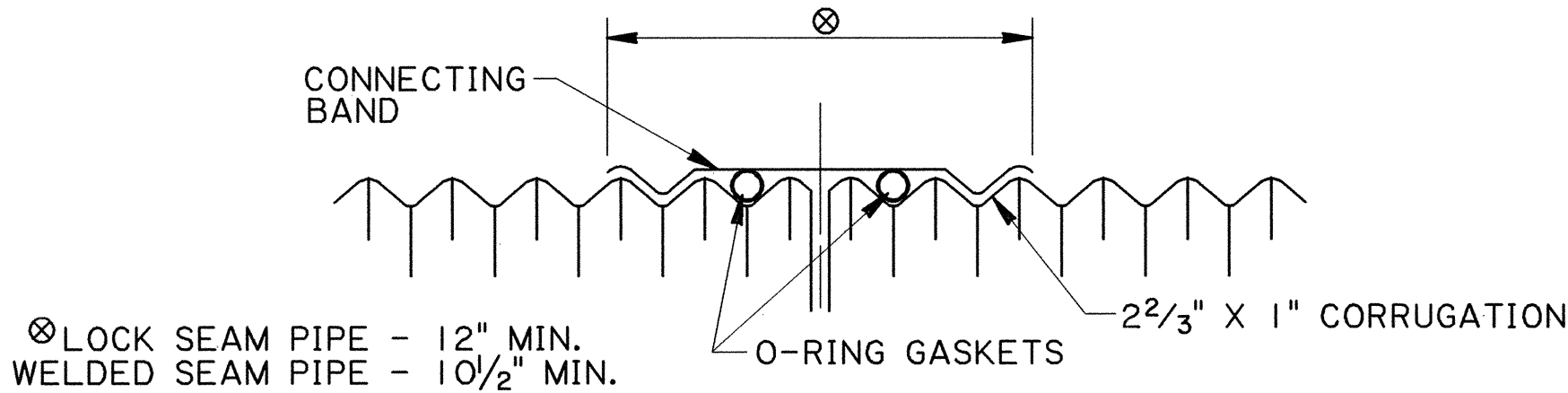


CONNECTION DETAIL  
DOUBLE HARNESS

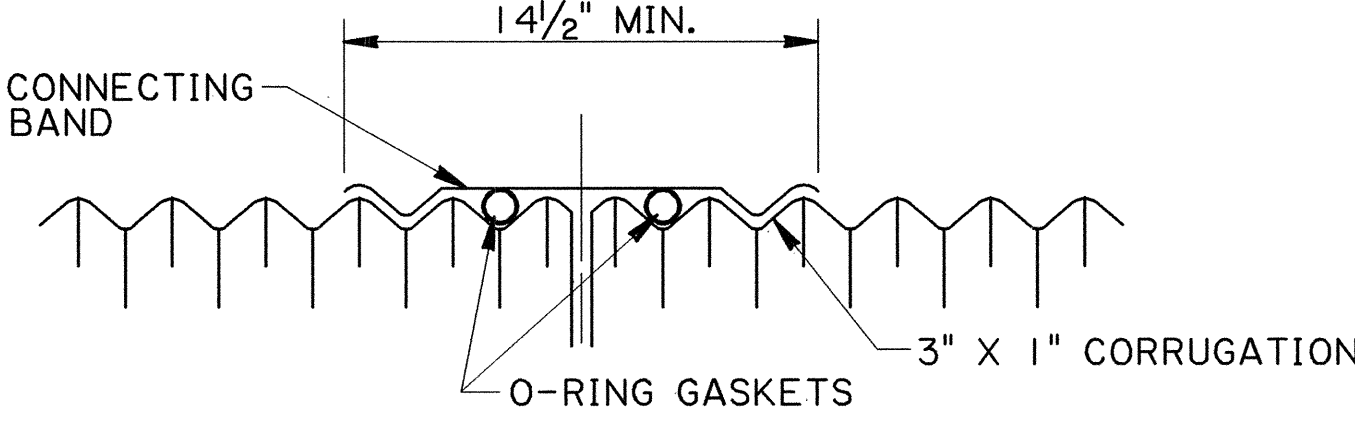


CONNECTION DETAIL  
DOUBLE HARNESS

\* BAND LAP SEALANT TO BE FLEXIBLE  
PLASTIC GASKET MATERIAL. REQUIRED  
THICKNESS IN TABLE. REQUIRED WIDTH  
IS BAND WIDTH PLUS 2".



SECTION



SECTION

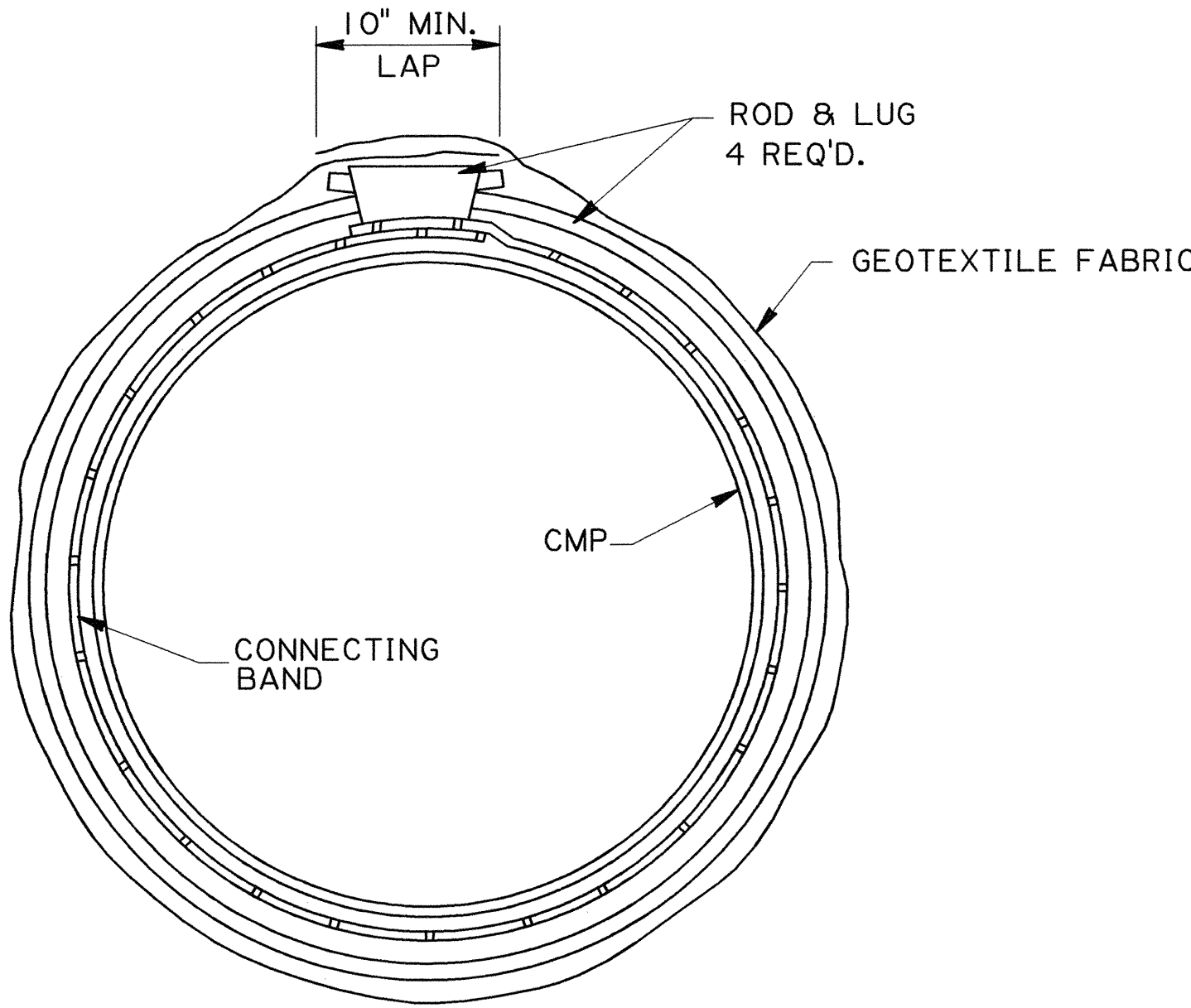
ALTERNATE CONNECTING BANDS  
O-RING SYSTEM

GEOTEXTILE FABRIC CLOTH REQUIRED - SAME AS SHOWN ABOVE.

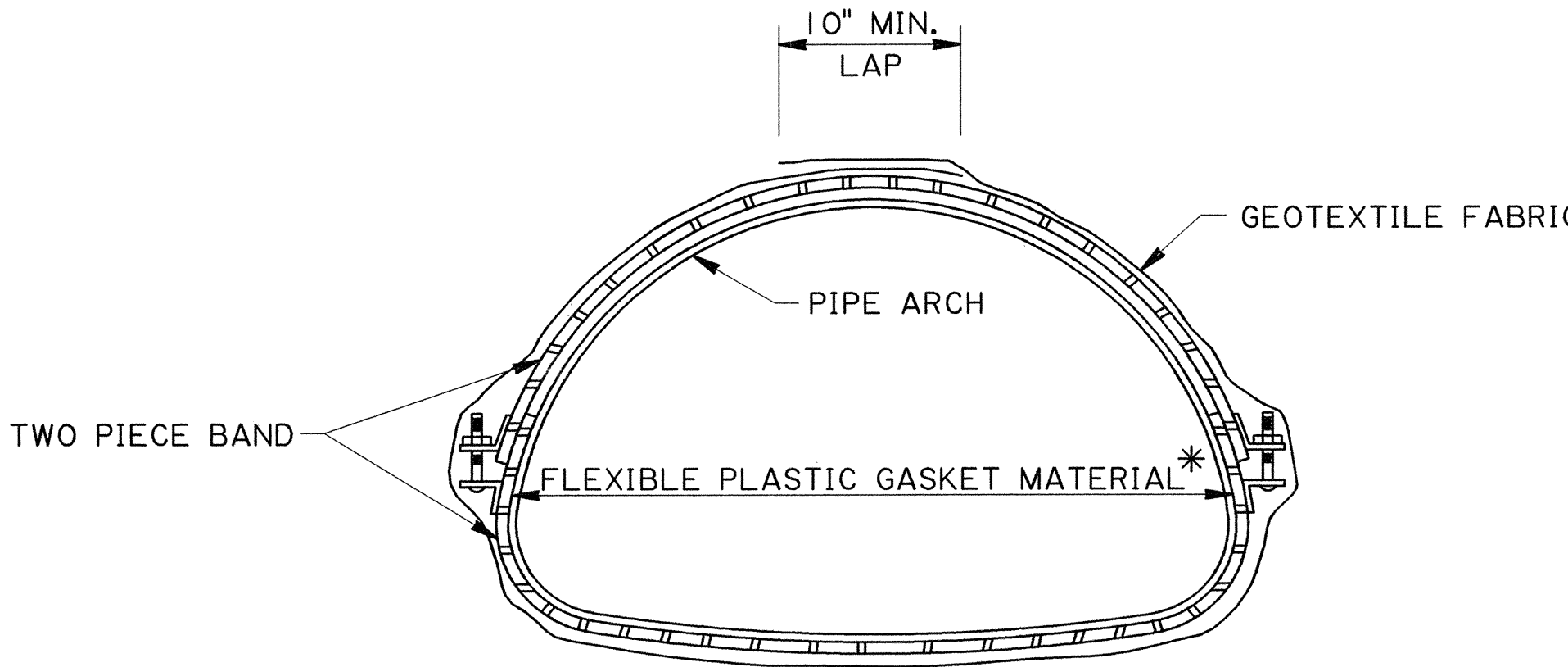
O-RING AND FLEXIBLE GASKET THICKNESS			
PIPE SIZE	CORRUGATION DEPTH	O-RING THICKNESS	FLEXIBLE GASKET THICKNESS
36" & UNDER	1/2"	13/16"	1"
LARGER THAN 36"	1/2"	7/8"	1"
ALL SIZES	1"	1 3/8"	1 1/2"

GENERAL NOTES:

- O-RING GASKETS WILL BE REQUIRED WHENEVER O-RING SYSTEM CONNECTING BANDS ARE USED. O-RING GASKETS SHALL BE IDENTIFIED BY SIZE, DIAMETER, BATCH OR REEL NUMBER AND PLANT.
- HELICAL ENDS SHALL BE RE-ROLLED AS PER CURRENT LA DOTD STANDARD SPECIFICATIONS.
- FOR O-RING JOINT SYSTEMS, BOLTS SHALL BE TORQUED TO A MINIMUM OF 40 FT.LBS.
- FOR FLEXIBLE PLASTIC GASKET SYSTEM ROUND PIPE, A MINIMUM OF 4 GALVANIZED 1/2" DIAMETER STEEL RODS AND LUGS SHALL BE PLACED OVER THE CONNECTING BAND. RODS MAY BE 2 PIECE FOR PIPE LARGER THAN 48".
- GEOTEXTILE FABRIC SHALL CONFORM TO CURRENT LA DOTD STANDARD SPECIFICATIONS.
- ARCH PIPE SHALL USE THE FLEXIBLE PLASTIC GASKET SYSTEM WITH APPROVED ANGLES OR STRAPS.
- ALL GASKET MATERIAL SHALL BE APPROVED PRODUCTS ON CURRENT LA DOTD QUALIFIED PRODUCTS LIST.
- PIPE JOINTS TO BE IN ACCORDANCE WITH CURRENT LA DOTD STANDARD SPECIFICATIONS.



CONNECTING BAND WITH ROD & LUG  
(FLEXIBLE PLASTIC GASKET SYSTEM)



METHOD OF SEALING LONGITUDINAL  
JOINTS AT TWO PIECE  
CONNECTING BAND

(FLEXIBLE PLASTIC GASKET SYSTEM)

SHEET NUMBER		PARISH		DESIGNED	CDJ	JDK	10-5-05	Eliminated all reference to Plastic Pipe and Table 9	LA DOTD
		FEDERAL PROJECT		CHECKED	HJB	WMR	7-3-02	Redrafted, Added Plastic Pipe Table, General Revisions	
		STATE PROJECT		DETAILED	KAJ	HJB	3-27-84	Fill Height Tables - Connecting Bands	
				CHECKED	WMR	BY	DATE	REVISION DESCRIPTION	
				DATE			10-5-05		
				SHEET	2 OF 2				
				APPROVED BY: ORIGINAL SIGNED BY: CHIEF ENGR. DATE: 10-5-05					
				STANDARD PLAN SAM-1					
				METAL PIPE WALL THICKNESS AND CONNECTING BANDS, FILL HEIGHT FOR METAL PIPE					
				HYDRAULICS SECTION					